

Esther Liu

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Education

University of Washington , Seattle, WA B.S. Computer Science	Sept 2022–June 2026
Juanita High School , Kirkland, WA <i>Cambridge Program, GPA: 4.0</i> Honors: Cambridge Scholar Award with Distinction, National Merit Scholarship Semifinalist 2022	Sept 2018–June 2022

Extracurricular

Technology Student Association (TSA) , JHS, Kirkland • Served as treasurer on TSA Board; worked with other board members to organize fundraisers, raising over \$500 • Competed in various events, including webmaster, cybersecurity, engineering design, and software development	Sept 2018–June 2022
Exothermic Robotics , Redmond • Programmed and built robots for competition as part of team 10C, Exothermic Creation • Created the club's first official website and served as head webmaster	June 2019–June 2022
Distributive Education Clubs of America (DECA) , JHS, Kirkland • Reached out to local services and formulated integrated marketing campaigns for them • Competed at the regional, state, and international levels	Sept 2018–June 2022
Reading with Rover , Redmond • Trained to become a certified therapy dog team with family pet • Volunteered at libraries, where children read to us, and senior assisted living facilities	Oct 2019–June 2022
National Honor Society (NHS) , JHS, Kirkland • Volunteered at local organizations and schools; restored local parks and tutored students	Sept 2019–June 2022
Content Creator • Built personal website from scratch using HTML, CSS, and JavaScript for posting original comic strips	June 2019–Present
Soccer , Kirkland • Played competitively for Crossfire Select and JHS team	Sept 2010–2020
Hack'20 Quarantine Track , University of Washington, Seattle • Developed a software that converts a video to be reflected onto a Pepper's Cone, creating a 3D holographic image • Hosted on Google App Engine, utilized the web framework Flask; frontend: HTML and CSS, backend: Python	August 2020

Honors

Webmaster , TSA 1 st Place, Nationals 2021 • 1 st Place, State 2021 • 1 st Place, State 2020 • 6 th Place, Nationals 2019 • 3 rd Place, State 2019	2019–2021
Cybersecurity , TSA 1 st Place, Nationals 2021 • 2 nd Place, State 2021 • 4 th Place, State 2020	2020–2021
Engineering Design , TSA 2 nd Place, State 2020 • 5 th Place, State 2019	2019–2020
Integrated Marketing Campaign – Service , DECA 4 th Place, Internationals 2021 • 1 st Place, State 2021 • 2 nd Place, Area 2020 • 6 th Place, State 2018	2018–2021
1st Place, Software Development , Washington TSA State	March 2021
Design Award , REC Foundation's Live Remote VEX Robotics World Championship	March 2021
2nd Place, Electronics Online Challenge , REC Foundation	March 2021
1st Place, Hack'20 Quarantine Track , University of Washington	August 2020

Other Interests

Languages: Java, Python, JavaScript, SQL, HTML, CSS
Hobbies: Drawing, Unicycling, Guitar, Skateboarding, Piano